





U.S. UTILITY PATENT APPLICATION

PATENT DATE JUN 0 1 2004

SECTOR	CLASS	SUECLASS	ART UNIT	EXAMINER S 12 12	
	25 0	412	28/14	2	148. 12.18

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PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION								
ORIG	CROSS REFERENCE(S)							
CLASS	SUBCL#S'	CLASS	SS SUBCLASS (ONE SUBCLASS PER BLOCK)					
257	372	257	377	1412	510			
INTERNATIONAL CLASSIFICATION		438	172	178				
4012	23/62			·				
4016 3	29/76				?			
HO16	29/00							
4016	21/338						1	
4			☐ Continued on Issue Slip Inside File Jacket					

TERMINAL	DRAWINGS			CLAIMS ALLOWED			
DISCLAIMER	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.		
	23	46	23	28	15/		
a) The term of this patent	SHRINIMS HIRAO 08 08 08 03 (Assistant Examiner) (Date)			NOTICE OF ALLOWANCE MAILED			
subsequent to (date) has been disclaimed.							
b) The term of this patent shall not extend beyond the expiration date	LONG PHAM PRIMARY EXAMINER (Primary Examiner) (Date)			8/12/03			
of U.S Patent. No.				issue fee $$			
				Amount Due	Date Paid		
				\$1300.00	11-12-03		
c) The terminalmonths of	1.1/	1 1 8/m/m			ISSUE BATCH NUMBER		
this patent have been disclaimed.	(Legal Instrume	ents Examiner)	(Date)	·			
WARNING:			,				

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Form PTO-438A (Rev. 10/97)

ISSUE FEE IN FILE

EDBWYT DAVAINER

K RODGERU